

COVERAGE NAME: RAIL

COVERAGE AREA: State, District

COVERAGE DESCRIPTION:

The RAIL coverage is a line coverage representing information on all heavy railroad lines, Amtrak passenger lines and commuter rail lines in California.

USER NOTES:

Rowowner field has been updated to include mergers and abandonments as of year 2001. Light rail lines are only included when freight operators use the same lines (San Diego Trolley).

VITAL STATISTICS:

Datum:	NAD 83
Projection:	Albers
Units:	Meters
1st Std. Parallel:	34 degrees N
2nd Std. Parallel:	40.5 degrees N
Longitude of Origin:	-120 degrees W
Latitude of Origin:	0 degrees N
False Easting:	0
False Northing:	-4,000,000
Source:	Various transit books, maps, and guides
Source Media:	USGS DLG and Caltrans County Map Series
Source Projection:	Universal Transverse Mercator Zone 10/11
Source Units:	Meters
Source Scale:	1:100,000 and 1:24,0000
Capture Method:	Existing DLG linework and digitized
Conversion Software:	ARC/INFO rev. 6.0
Data Structure:	Vector
ARC/INFO Coverage Type:	Arc
ARC/INFO Precision:	Double
ARC/INFO Tolerances:	
Frequency of Updates:	Varies
Data Updated:	Dec 2001
Update Media:	
Update Method:	Information from Caltrans Rail Program, comparison to NTAD rail and Volpe rail coverages to update ownership.
Update Software:	ARC/INFO rev. 7.2.1 and ArcMap 8.1

DATA DICTIONARY:

File name: RAIL.AAT

Record length: 81

NOTE: Items which are common to all line coverages: FNODE#, TNODE#, LPOLY#, RPOLY#, LENGTH, <coverage>#, and <coverage>-ID are not described here.

COLUMN	ITEM NAME	WIDTH	OUTPUT	TYPE	N.DEC
33	CO	3	3	C	-
36	DIST	2	2	I	-
38	RR-ID	4	5	B	-
42	ROWOWNER	4	4	C	-
46	RRCLASS	2	2	I	-
48	TRKTYPE	2	2	I	-
50	STATUS	1	1	I	-
51	PRAIL	1	1	I	-
52	COMM	1	1	I	-
53	ITMS	1	1	I	-
54	ITMS-ID	28	28	C	-

ITEM DESCRIPTIONS:

CO: Caltrans county abbreviations

DIST: Caltrans district number

RR-ID: Currently not used.

ROWOWNER: Identifies the railroad operator who controls a railroad right-of-way  
(Please refer to "ROWOWNER CODES" attachment)

RRCLASS: Numeric code identifying railroad class

- 1 = Mainline railroad
- 2 = Shortline railroad
- 3 = Terminal or Belt Line railroad
- 5 = Military railroad
- 6 = Private railroad
- 7 = RT Line
- 8 = Unknown

TRKTYPE: Numeric code used to identify track types

- 1 = Principal through tracks
- 2 = Secondary or Branch line tracks
- 3 = Spurs
- 4 = Sidings
- 5 = Railroad Yard and/or Depot Tracks

7 = Principle Commuter  
8 = Abandoned/Unknown

STATUS: Numeric code used to identify the status of a particular railroad line

1 = Active  
2 = Under construction  
3 = Proposed  
8 = Abandoned

PRAIL: Identifies any railroad line which carries passenger rail traffic

0 = Railroad lines not used by passenger rail systems  
1 = Railroad lines used by passenger rail systems

COMM: Identifies any railroad line which carries commuter passenger rail traffic

0 = Railroad lines not used by commuter passenger rail systems  
1 = Railroad lines used by commuter passenger rail systems

ITMS: Item used to identify an Intermodal Transportation Management System (ITMS) corridor or connector

(CURRENTLY THIS ITEM IS NOT CODED)

ITMS-ID: ID used to relate to the ITMS model

RELATIONAL DATA DESCRIPTION:

None.

DATABASE RELATION:

Currently there are no database relationships established.

DATA QUALITY ASSESSMENT:

ROWOWNER and RAIL OPERATORS (TR, TR2, TR3 fields) CODES ATTACHMENT

ABL	Alameda Belt Line
ALR	Almanor Railroad Company
AMC	Amador Central Railroad
AMR	Arcata & Mad River Railroad
AMTK	Amtrak
BAER	Bay Area Electric Railway
BART	Bay Area Rapid Transit
BNSF	Burlington Northern Santa Fe
CCT	Central California Traction

CFNR	California Northern
CORP	Central Oregon and Pacific Railroad
CPLT	Camino, Placerville & Lake Tahoe Railroad
CTRN	Caltrain commuter rail. Rail lines governed by Peninsula Joint Rail Authority.
CWR	California Western Railroad
EMR	Eagle Mountain Railroad
GOVT	US Government/Military Railroad
HBL	Harbor Belt Line RR
HIC	Holton Inter-City Railway
HLR	Hammond Lumber Co. Railroad
LCR	Lake County Railroad
LAJ	Los Angeles Junction Railway
LOCK	(former SP Kentucky House Branch, now abandoned)
LUM	Lumber Railroad
MCR	McCloud River Railroad
MET	Modesto-Empire Traction
MNRR	Monolith Railroad
NCTD	North County Transportation District. Select this operator to display the Coaster line.
NVRR	Napa Valley RR
NWP	Northwestern Pacific
OTR	Oakland Terminal Railroad
PPCR	Pacific Portland Cement Co. Railroad
PSR	Petaluma & Santa Rosa Railroad
PVTX	Privately Owned.
QRR	Quincy Railroad
RBR	Richmond Belt Railway
RCBT	Roaring Camp & Big Trees Railroad
RTM	Sacramento RT Metro
SCBG	Santa Cruz, Big Tree & Pacific RR
SCCT	Santa Clara County Transit
SCRA	Southern California Regional Rail Authority. Governs Metrolink commuter rail lines.
SDAE	San Diego & Arizona Eastern
SDIY	San Diego & Imperial Valley. Owns rail lines from El Cajon west to San Diego, then south to border. San Diego Trolley uses a portion of these lines. Freight is transported at night.
SDNR	San Diego Northern Railroad (Owned and operated by the NCTD. NCTD operates the Coaster line between Oceanside and San Diego Depot, and also operates San Diego Trolley.)
SDT	San Diego Trolley
SERA	Sierra Railroad Company

SFBR	San Francisco Belt Railroad
SJVR	San Joaquin Valley Railroad
SMV	Santa Maria Valley Railroad
SN	Sacramento Northern Railroad
SP	(abandoned tracks from Southern Pacific Transportation Company)
SPBR	Stockton Public Belt
STE	Stockton Terminal & Eastern Railroad
TRC	Trona Railway Co.
TS	Tidewater Southern (abandoned)
TVRR	Tulare Valley Railroad
UP	Union Pacific Railroad
VER	Visalia Electric Railroad
VCY	Ventura County Railroad
YSLR	Yolo Short Line RR
YW	Yreka Western RR Company
XXXX	Unknown (abandoned)

January 24, 2003